



Animal Health Monitoring Report

Isolator reared

C.B-17/IcrHanHsd-Prkdc^{scid}/Arc

Date report issued: 09-Mar-22

Report covers the following isolators:

Strains present in isolator:

Strain of animal tested:

RI 27

C.B-17/IcrHanHsd-Prkdc^{scid}/Arc

C.B-17/IcrHanHsd-Prkdc^{scid}/Arc and ICR Outbred for serology

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus (GD VII)
Pneumonia Virus of Mice
Murine Cytomegalovirus
Sendai Virus
Mouse Adenovirus Type 1 & 2
Lymphocytic Choriomeningitis Virus
Hantaan (Korean Haemorrhagic Fever)
Ectromelia (Mousepox) Virus
Reovirus -3
Polyoma Virus
K Virus
Lactic Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

CAR bacillus
Clostridium piliforme
Mycoplasma pulmonis
Helicobacter spp.¹
Salmonella spp.
Pasteurella pneumotropica
Streptococcus pneumoniae
Bordetella bronchiseptica
Corynebacterium kutscheri
Streptobacillus moniliformis
Pneumocystis murina

Parasites and Protozoa

Encephalitozoon cuniculi
Arthropods (Fur mites, lice, fleas)
Nematodes (pinworms)
Cestodes
Protozoa: Giardia muris, Spiroplasma muris, Tritrichomonas muris, Entamoeba muris

ORGANISMS MONITORED BUT NOT EXCLUDED:

Staphylococcus aureus
Klebsiella oxytoca
Klebsiella pneumoniae
Pseudomonas aeruginosa
Streptococcus sp. beta hemolytic Groups A, B, C or G
Citrobacter rodentium
Corynebacterium bovis
Mouse Kidney Parvovirus

	Mouse			Test method	Test frequency
	Last Test Date	Results	Past 18 Months		
Mouse Hepatitis Virus	21-Feb-22	0 / 1	0 / 6	E	q
Minute Virus of Mice	21-Feb-22	0 / 1	0 / 6	E	q
Mouse Parvovirus	21-Feb-22	0 / 1	0 / 6	E	q
Murine Rotavirus (EDIM)	21-Feb-22	0 / 1	0 / 6	E	q
Mouse Norovirus	21-Feb-22	0 / 1	0 / 6	E	q
Theiler's Encephalomyelitis Virus (GD VII)	21-Feb-22	0 / 1	0 / 6	E	q
Pneumonia Virus of Mice	21-Feb-22	0 / 1	0 / 6	E	q
Murine Cytomegalovirus	21-Feb-22	0 / 1	0 / 6	E	q
Sendai Virus	21-Feb-22	0 / 1	0 / 6	E	q
Mouse Adenovirus Type 1 & 2	21-Feb-22	0 / 1	0 / 6	E	q
Lymphocytic Choriomeningitis Virus	21-Feb-22	0 / 1	0 / 6	E	q
Hantaan (Korean Haemorrhagic Fever)	21-Feb-22	0 / 1	0 / 6	E	q
Ectromelia (Mousepox) Virus	21-Feb-22	0 / 1	0 / 6	E	q
Reovirus -3	21-Feb-22	0 / 1	0 / 6	E	q
Polyoma Virus	21-Feb-22	0 / 1	0 / 6	E	q
K Virus	21-Feb-22	0 / 1	0 / 6	E	q
Lactic Dehydrogenase Elevating Virus	21-Feb-22	0 / 1	0 / 6	E	q
Mouse Thymic Virus	21-Feb-22	0 / 1	0 / 6	E	q
Bacteria and Fungi					
CAR bacillus	21-Feb-22	0 / 1	0 / 6	E	q
Clostridium piliforme	21-Feb-22	0 / 1	0 / 6	E	q
Mycoplasma pulmonis	21-Feb-22	0 / 1	0 / 6	E	q
Helicobacter spp. ¹	21-Feb-22	0 / 3	0 / 45	H	q
Salmonella spp.	21-Feb-22	0 / 3	0 / 45	CH	q
Pasteurella pneumotropica	21-Feb-22	0 / 3	0 / 45	DH	q
Streptococcus pneumoniae	21-Feb-22	0 / 3	0 / 45	DH	q
Bordetella bronchiseptica	21-Feb-22	0 / 3	0 / 45	DH	q
Corynebacterium kutscheri	21-Feb-22	0 / 3	0 / 45	DH	q
Streptobacillus moniliformis	21-Feb-22	0 / 3	0 / 45	DH	q
Pneumocystis murina	21-Feb-22	0 / 3	0 / 6	HE	a
Parasites and Protozoa					
Encephalitozoon cuniculi	21-Feb-22	0 / 1	0 / 6	E	q
Arthropods (Fur mites, lice, fleas)	21-Feb-22	0 / 1	0 / 42	BH	q
Nematodes (pinworms)	21-Feb-22	0 / 3	0 / 45	FGH	q
Cestodes	21-Feb-22	0 / 3	0 / 45	FGH	q
Protozoa: Giardia muris, Spiroplasma muris, Tritrichomonas muris, Entamoeba muris	21-Feb-22	0 / 3	0 / 45	FH	q
ORGANISMS MONITORED BUT NOT EXCLUDED:					
Staphylococcus aureus	21-Feb-22	0 / 3	0 / 45	DH	q
Klebsiella oxytoca	21-Feb-22	0 / 3	0 / 45	DH	q
Klebsiella pneumoniae	21-Feb-22	0 / 3	0 / 45	DH	q
Pseudomonas aeruginosa	21-Feb-22	0 / 3	0 / 45	DH	q
Streptococcus sp. beta hemolytic Groups A, B, C or G	21-Feb-22	0 / 3	0 / 45	DH	q
Citrobacter rodentium	21-Feb-22	0 / 3	0 / 45	CH	q
Corynebacterium bovis	21-Feb-22	0 / 3	0 / 5	H	a
Mouse Kidney Parvovirus	21-Feb-22	0 / 1	0 / 13	HE	q

Notes:

¹ Helicobacter spp. tested includes Helicobacter bilis, Helicobacter ganmani, Helicobacter hepaticus, Helicobacter mastomyrinus, Helicobacter rodentium, Helicobacter typhlonius.

Every quarter, sentinel mice from the stock C.B-17/IcrHanHsd-Prkdc^{scid}/Arc rack isolator are placed into an IVC with immunocompetent sentinel mice for serological testing.

Code for tests performed

Methods: A, Gross Pathology/histopathology. B, Pelt examination. C, Bacterial selective culture intestine.
D, Bacterial selective culture respiratory tract/oropharynx. E, Serology ELISA/MFI/IFA. F, Microscopy intestine. G, Faecal flotation.
H, Polymerase chain reaction assay. I, Dermatophyte culture. J, General bacterial culture any site.

Minimum Frequency testing: m= monthly. q= quarterly. ta= triannual. a= annually.

Results are presented as the no. positive results / no. animals tested on the date listed.

NT = Not Tested (not a recognised pathogen in this species) For details of testing program see www.arc.wa.gov.au

Area populated: 13-Nov-20

Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager